

Converting Colors

Android(4278226227)

Have a look what the booklet for
Android(4278226227) contains.

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Color

Android(4278226227)

Conversions

Conversions Part 1

Format	Color
Hex	008D33
RGB	0, 141, 51
RGB Percent	0%, 55%, 20%
CMY	1.0000, 0.4471, 0.8000
CMYK	1.00, 0.00, 0.64, 0.45
HSL	142°, 100%, 28%
HSV	142°, 100%, 55%
XYZ	10.1224, 19.2888, 6.3216
YIQ	88.5810, -55.1460, -57.8820

Conversions

Conversions Part 2

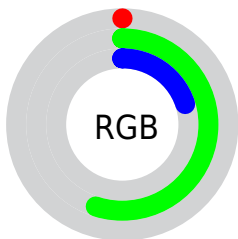
Format	Color
RYB	0, 104, 141
Decimal	36147
CIELab	51.02, -51.89, 38.11
CIELCh	51, 64.385, 143.703
Yxy	19.2888, 0.2833, 0.5398
Android (android.graphics.Color)	4278226227 (0xFF008D33)
YUV	88.5810, -18.5274, -77.6855
Hunter-Lab	43.9190, -35.7177, 22.2093

Details

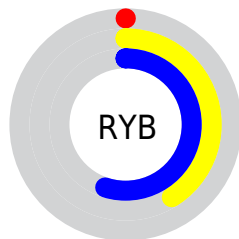
The Android color `4278226227` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287430746`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4283745381`, and `4278212864` is the 20% darker color. If you saturate the color by 10%, you get `4278226227`, and if you desaturate by 10%, it is `4279143740`.

Distribution



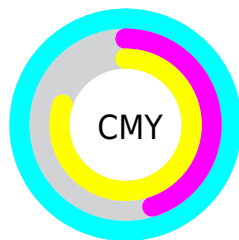
- Red (0%)
- Green (55%)
- Blue (20%)



- Red (0%)
- Yellow (41%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278226227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278226227 by changing the saturation by 10% instead.



4278226227



4278226227

4294967295



4278219546



4283745381



4278212864



4285653119



4278206464



4287561113



4278201088



4289462197



4278191872



4291362769



4278190080



4293328877



4278226227



4279143740

 4280061253

 4280978766

 4281896279

 4282879328

 4283796841

 4284714354

 4285631867

 4286549380

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285039360



4278226227



4278227308

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278226227



4278224103



4292428625

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278226227



4287430746

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4292099720



4278226227



4284379359

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278226227



4278226642



4289746363



4290992925

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278226227



4278227602



4289746363



4292492899

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278226227



4286691476



4284255488



4282080327



4292598747



4284243036

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278226227



4278237250



4278226296



4282402627



4278224689



4278192131

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4287430746



4290248821



4287430677



4282859589



4287037526



4278714373

Previews

White Background



This preview shows how the Android color 4278226227 looks on a white background.

Color Contrast Check

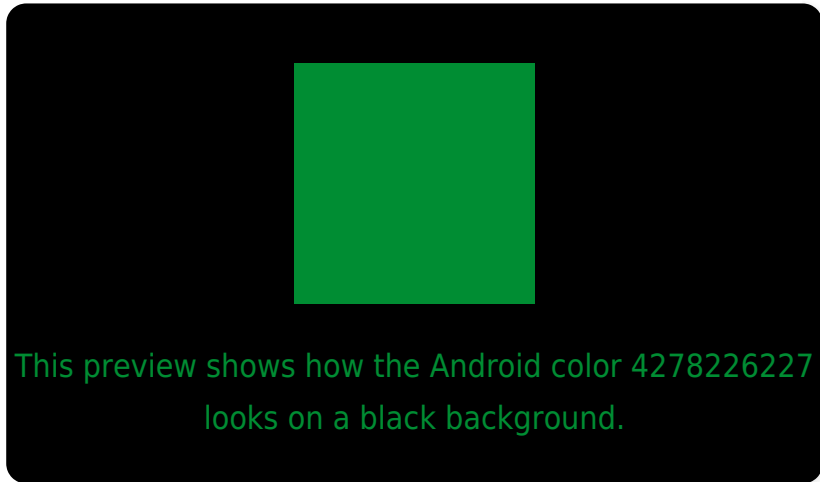
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278226227 Background



This preview shows how black text looks on a background with the Android color 4278226227.



This preview shows how white text looks on a background with the Android color 4278226227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4278226227

Protanopia

4287068461

Deuteranopia

4287984443

Trichromacy



Original Color

4278226227



Protanomaly

4283858991



Deuteranomaly

4284447800



Tritanomaly

4280584046

Monochromacy



Original Color

4278226227



Achromatopsia

4284045657



Achromatomaly

4281953355

CSS Examples

Text

The CSS property to change the color of the text to Android 4278226227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 141, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 141, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 51) }
```

Border

The CSS property to change the border of an element to Android 4278226227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 141, 51) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 141, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 141, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 141, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4278226227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 141,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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